## **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1	1. (currently amended) A system for providing self-installing
2	software components for network service execution, comprising:
3	a service host system to store network service software for a service and to
4	generate a code bundle comprising the network service software and installation
5	instructions for the network service software; and
6	a requesting system to communicate with the service host system through
7	a basic communication framework, comprising:
8	a checking mechanism to receive an installation predicate object
9	comprising code from the service host system to test the requesting system by
10	remotely determining determine availability of the network service software on
11	the service host system and by verifying to verify prerequisites against a runtime
12	environment through the service host system by testing hardware and software
13	components of the requesting system;
14	a helper mechanism to receive the code bundle providing the
15	network service software for the service through the service host system and to
16	install the network service software using the installation instructions; and
17	a service mechanism to provide a service of equivalent
18	functionality to the service of the service host system to one or more other
19	requesting systems that is independent of the service host system.
1	2. (previously presented) A system according to Claim 1, further
2	comprising:
3	a set of standardized method definitions provided through a public
4	interface defined on the network service software.

1	3.	(previously presented) A system according to Claim 2, wherein the		
2	standardized method definitions are selected from the group comprising at least			
3	one of an ava	one of an availability method, environment verification method, code retrieval		
4	method, and	an update method.		
1	4.	(previously presented) A system according to Claim 1, wherein the		
2	network serv	ice software is updated through the service host system.		
1	5.	(previously presented) A system according to Claim 1, wherein the		
2	installation p	redicate object verifies that the runtime environment satisfies		
3	prerequisites	necessary to install and execute the network service software.		
1	6.	(previously presented) A system according to Claim 1, wherein the		
2	installation predicate object is implemented in at least one of mobile code for			
3	execution within a managed code platform and in platform-specific native code.			
1	7.	(previously presented) A system according to Claim 1, further		
2	comprising:			
3	a help	per object defined on the service host system to locate and obtain		
4	copies of one	or more network service software components necessary to satisfy		
5	one or more	of the prerequisites.		
1	8.	(original) A system according to Claim 7, wherein the helper		
2	object is implemented in at least one of mobile code for execution within a			
3	managed code platform and in platform-specific native code.			
1	9.	(previously presented) A system according to Claim 1, further		
2	comprising:			
3	an update object defined on the service host system to identify, retrieve			
4	and install an	y updates to the network service software.		

1	10. (original) A system according to Claim 9, wherein the update		
2	object is implemented in at least one of mobile code for execution within a		
3	managed code platform and in platform-specific native code.		
1	Claim 11 (canceled).		
1	Claim 12 (canceled).		
1	13. (original) A system according to Claim 1, wherein the basic		
2	communication framework comprises a Java operating environment.		
1	14. (currently amended) A method for providing self-installing		
2	software components for network service execution, comprising:		
3	storing network service software for a service on a service host system and		
4	generating a code bundle comprising the network service software and installation		
5	instructions for the network service software; and		
6	establishing a basic communication framework between the service host		
7	system and a requesting system, comprising:		
8	receiving on the requesting system, an installation predicate object		
9	comprising code from the service host system to test the requesting system by		
10	remotely determining determine availability of the network service software and		
11	by verifying to verify prerequisites against a runtime environment through the		
12	service host system by testing hardware and software components of the		
13	requesting system;		
14	receiving on the requesting system, the code bundle providing the		
15	network service software for the service through the service host system on the		
16	requesting system and installing the network service software using the		
17	installation instructions; and		
18	providing by the requesting system, a service of equivalent		
19	functionality to the service of the service host system to one or more other		
20	requesting systems that is independent of the service host system.		

1	15.	(previously presented) A method according to Claim 14, further
2	comprising:	
3	specif	ying a set of standardized method definitions provided through a
4	public interfa	ce defined on the network service software.
1	16.	(previously presented) A method according to Claim 15, further
2	comprising:	
3	defini	ng the standardized method definitions selected from the group
4	comprising at	least one of an availability method, environment verification
5	method, code	retrieval method, and an update method.
1	17.	(previously presented) A method according to Claim 14, further
2	comprising:	
3	updati	ng the network service software through the service host system.
1	18.	(previously presented) A method according to Claim 14, further
2	comprising:	
3	verifying that the runtime environment satisfies the prerequisites necessary	
4	to install and	execute the network service software.
1	19.	(previously presented) A method according to Claim 14, wherein
2	the installation	n predicate object is implemented in at least one of mobile code for
3	execution with	hin a managed code platform and in platform-specific native code.
1	20.	(previously presented) A method according to Claim 14, further
2	comprising:	
3	definii	ng a helper object on the service host system to locate and obtain
4	copies of one	or more network service software components necessary to satisfy
5	one or more o	of the prerequisites.
1	21.	(original) A method according to Claim 20, wherein the helper
2	object is imple	emented in at least one of mobile code for execution within a
3	managed code	e platform and in platform-specific native code.

1	22. (previously presented) A method according to Claim 14, further	
2	comprising:	
3	defining an update object on the service host system to identify, retrieve	
4	and install any updates to the network service software.	
1	23. (original) A method according to Claim 22, wherein the update	
2	object is implemented in at least one of mobile code for execution within a	
3	managed code platform and in platform-specific native code.	
1	Claim 24 (canceled).	
1	Claim 25 (canceled).	
1	26. (original) A method according to Claim 14, wherein the basic	
2	communication framework comprises a Java operating environment.	
1	27. (original) A computer-readable storage medium holding code for	
2	performing the method according to Claim 14.	
1	28. (currently amended) An apparatus for providing self-installing	
2	software components for network service execution, comprising:	
3	means for storing network service software for a service on a service host	
4	system and for generating a code bundle comprising the network service software	
5	and installation instructions for the network service software; and	
6	means for establishing a basic communication framework between the	
7	service host system and a requesting system, comprising:	
8	means for receiving on the requesting system, an installation	
9	predicate object comprising code from the service host system to test the	
10	requesting system by remotely determining determine availability of the network	
11	service software on the service host system and by verifying to verify	
12	prerequisites against a runtime environment through the service host system by	
13	testing hardware and software components of the requesting system;	

## Response to Office Action Docket No. D/A3420 Attorney Docket No. 022.0323.US.UTL

14	means for receiving on the requesting system, the code bundle
15	providing the network service software for the service through the service host
16	system and for installing the network service software using the installation
17	instructions; and
18	means for providing by the requesting system, a service of equivalent
19	functionality to the service of the service host system to one or more other
20	requesting systems that is independent of the service host system.